

# EAST text search

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L22	120	(photonic near crystal or photonic near bandgap or photonic near band near gap or phc or pbg) and (defect or vacancy or vacant or missing or smaller or larger) near3 (bias or voltage or current or injection or injecting or injected)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/22 16:48
L21	54	(photonic near crystal or photonic near bandgap or photonic near band near gap or phc or pbg) and (local or locally) near3 (bias or voltage or current or injection or injecting or injected)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/22 16:39
L6	114	(photonic near crystal or photonic near bandgap or photonic near band near gap or phc or pbg) and (microcavity or micro-cavity or local\$4 near (defect or void or vacancy) or resonance) near10 (n or p or "n+" or "p+" or doped or doping or dopant)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/22 16:33
L20	73	385/16.cor. and (photonic near bandgap or photonic near crystal or photonic near gap or optical near crystal or optical near gap or optical near lattice or photonic near lattice or phc or pbg)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/22 16:26
L19	923	385/16.cor.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/22 16:25
L18	69	438/32.cor.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/22 16:25
L14	10	438/22.cor. and (photonic near bandgap or photonic near crystal or photonic near gap or optical near crystal or optical near gap or optical near lattice or photonic near lattice or phc or pbg)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/22 16:25
L16	159	438/31.cor.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/22 16:18
L17	9	(US-20020048422-\$ or US-20020172456-\$ or US-20030185532-\$ or US-20040027646-\$).did. or (US-6058127-\$ or US-6512866-\$ or US-6618535-\$ or US-6731846-\$ or US-6813064-\$).did.	US-PGPUB; USPAT	OR	ON	2005/09/22 16:13
L15	45	438/23.cor.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/22 16:00
L13	540	438/22.cor.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/22 15:55
L11	34	257/653.cor.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/22 15:52
L10	28	257/98.cor. and (photonic near bandgap or photonic near crystal or photonic near gap or optical near crystal or optical near gap or optical near lattice or photonic near lattice or phc or pbg)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/22 15:52
L8	522	257/98.cor.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/22 15:45
L7	69	257/9.cor.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/22 15:45

S15	102	(photonic near crystal or photonic near bandgap or photonic near band near gap or phc or pbg) and (microcavity or micro-cavity or local\$4 near (defect or void or vacancy) or resonance) near10 (n or p or "n+" or "p+" or doped or doping or dopant)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/22 15:27
S14	52	(photonic near crystal or photonic near bandgap or photonic near band near gap or phc or pbg) and (microcavity or micro-cavity or local\$4 near (defect or void or vacancy) or resonance) near6 (bias or biasing or voltage or current or (charge or carrier) near2 (inject\$3 or deplet\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/22 15:21
L5	56	(photonic near crystal or photonic near bandgap or photonic near band near gap or phc or pbg) and (microcavity or micro-cavity or local\$4 near (defect or void or vacancy) or resonance) near6 (bias or biasing or voltage or current or (charge or carrier) near2 (inject\$3 or deplet\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/22 15:21
S12	155	(photonic near crystal or photonic near bandgap or photonic near band near gap or phc or pbg) same (microcavity or micro-cavity)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/22 15:05
L4	175	(photonic near crystal or photonic near bandgap or photonic near band near gap or phc or pbg) same (microcavity or micro-cavity)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/22 15:05
L3	84	active near2 (photonic adj band adj gap or phc or photonic adj crystal or pbg)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/22 14:57
S5	73	active near2 (photonic adj band adj gap or phc or photonic adj crystal or pbg)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/22 14:56
L2	44	(photonic adj band adj gap or phc or photonic adj crystal or pbg) and (waveguide or waveguiding or resonant or resonance) near6 (defect or vacancy or void) same (tuning or tunability or charge near inject\$3 or current or biasing or biased or voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/22 14:52
S2	40	(photonic adj band adj gap or phc or photonic adj crystal or pbg) and (waveguide or waveguiding or resonant or resonance) near6 (defect or vacancy or void) same (tuning or tunability or charge near inject\$3 or current or biasing or biased or voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/22 14:51
S1	359	(photonic adj band adj gap or phc or photonic adj crystal or pbg) and (waveguide or waveguiding or resonant or resonance) near6 (defect or vacancy or void)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/22 14:11
L1	426	(photonic adj band adj gap or phc or photonic adj crystal or pbg) and (waveguide or waveguiding or resonant or resonance) near6 (defect or vacancy or void)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/22 14:11

## Interference Search

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L24	6	((photonic near crystal or photonic near bandgap or photonic near band near gap or phc or pbg) and (local or resonant) near (defect or vacancy or vacant or missing or smaller or larger)).clm.	US-PGPUB	OR	ON	2005/09/22 17:11
L25	22	((photonic near crystal or photonic near bandgap or photonic near band near gap or phc or pbg) and (resonant) near2 (cavity or microcavity or defect)).clm.	US-PGPUB	OR	ON	2005/09/22 17:12
L26	0	((photonic near crystal or photonic near bandgap or photonic near band near gap or phc or pbg) and (local or locally or defect) near3 (current or injection or injecting or injected or bias or biased or biasing or voltage)).clm.	US-PGPUB	OR	ON	2005/09/22 17:13
L27	1	((photonic near crystal or photonic near bandgap or photonic near band near gap or phc or pbg) and (local or locally or defect) near6 (current or injection or injecting or injected or bias or biased or biasing or voltage)).clm.	US-PGPUB	OR	ON	2005/09/22 17:13
L28	2	((photonic near crystal or photonic near bandgap or photonic near band near gap or phc or pbg) and (air near rod)).clm.	US-PGPUB	OR	ON	2005/09/22 17:14
L29	78	((photonic near crystal or photonic near bandgap or photonic near band near gap or phc or pbg) and (chang\$3 or alter\$4 or modif\$4) near4 (index or refractive or refraction)).clm.	US-PGPUB	OR	ON	2005/09/22 17:14